

# CITATION REPORT

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## Pharmacokinetics and pharmacodynamics in clinical use of scopolamine

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223	Individual variability, end-point effects and possible biases in electrophysiological research. <b>2006</b> , 117, 2569-83		30
222	Als de patiënt niet meer kan slikkenâ€” <b>2006</b> , 49, 728-735		
221	The cognitive enhancer T-588 partially compensates the motor associative learning impairments induced by scopolamine injection in mice. <b>2007</b> , 121, 1203-14		17
220	Scopolamine sublingual spray: an alternative route of delivery for the treatment of motion sickness. <b>2007</b> , 33, 577-82		8
219	Unexpected anterograde amnesia associated with Buscopan used as a premedication for endoscopy. <b>2007</b> , 13, 3895-6		2
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217	Cholinergic modulation of visuospatial responding in central thalamus. <b>2007</b> , 26, 3543-52		13
216	Synthesis and structure-activity relationship studies of theophylline analogs on population responses in the rat hippocampus in vitro. <b>2008</b> , 16, 8142-50		4
215	Serum anticholinergic activity and cerebral cholinergic dysfunction: an EEG study in frail elderly with and without delirium. <b>2008</b> , 9, 86		53
214	Differential neuropsychopharmacological influences of naturally occurring tropane alkaloids anisodamine versus scopolamine. <b>2008</b> , 443, 241-5		23
213	Scopolamine for prevention of postoperative nausea in gynecologic laparoscopy, a randomized trial. <b>2008</b> , 15, 26-31		17
212	Histamine H1-receptor blockade in humans affects psychomotor performance but not memory. <b>2008</b> , 22, 663-72		21
211	Tropane alkaloids (from <i>Datura</i> sp.) as undesirable substances in animal feed - Scientific Opinion of the Panel on Contaminants in the Food Chain. <b>2008</b> , 6, 691		6
210	Validation of a Liquid Chromatographic/Tandem Mass Spectrometric Method for the Determination of Scopolamine Butylbromide in Human Plasma: Application of the Method to a Bioequivalence Study. <b>2009</b> , 92, 1366-1372		9
209	Anticholinergic syndrome following an unintentional overdose of scopolamine. <b>2009</b> , 5, 719-23		23
208	Impaired off-line consolidation of motor memories after combined blockade of cholinergic receptors during REM sleep-rich sleep. <b>2009</b> , 34, 1843-53		42

207	Evaluation of two scopolamine and physostigmine pretreatment regimens against nerve agent poisoning in the dog. <b>2009</b> , 32, 146-53	4
206	Combined scopolamine and ethanol treatment results in a locomotor stimulant response suggestive of synergism that is not blocked by dopamine receptor antagonists. <b>2009</b> , 33, 435-47	6
205	Transdermal drug pharmacokinetics in man: Interindividual variability and partial prediction. <b>2009</b> , 367, 1-15	40
204	Cholinergic stimulation improves autonomic and hemodynamic profile during dynamic exercise in patients with heart failure. <b>2009</b> , 15, 124-9	37
203	[Management of transdermal therapeutics in perioperative care]. <b>2009</b> , 28, 311-20	2
202	Bioanalytical and clinical evaluation of 103 suspected cases of intoxications with psychoactive plant materials. <b>2009</b> , 47, 566-72	32
201	Epidemic of poisoning caused by scopolamine disguised as Rohypnol tablets. <b>2009</b> , 47, 889-93	17
200	Scopolamine induced deficits in a battery of rat cognitive tests: comparisons of sensitivity and specificity. <b>2009</b> , 20, 237-51	50
199	Routes of drug administration: uses and adverse effects. <b>2009</b> , &NA;, 975-978	2
198	Neurokinin-1 and novel serotonin antagonists for postoperative and postdischarge nausea and vomiting. <b>2010</b> , 23, 714-21	25
197	Neuropharmacology of vestibular system disorders. <b>2010</b> , 8, 26-40	68
196	LC-ESI MS/MS quantification of atropine and six other antimuscarinic tropane alkaloids in plasma. <b>2010</b> , 396, 751-63	38
195	Zentral anticholinerges Syndrom. <b>2010</b> , 47, 211-214	2
194	Treatments for neuropathic pain differentially affect delayed matching accuracy by macaques: effects of amitriptyline and gabapentin. <b>2010</b> , 148, 446-453	6
193	Tropane alkaloid analysis by chromatographic and electrophoretic techniques: an update. <b>2010</b> , 878, 1391-406	45
192	Tropane alkaloid profiling of hydroponic <i>Datura innoxia</i> Mill. Plants inoculated with <i>Agrobacterium rhizogenes</i> . <b>2010</b> , 21, 118-27	16
191	The effects of the glycine reuptake inhibitor R213129 on the central nervous system and on scopolamine-induced impairments in psychomotor and cognitive function in healthy subjects. <b>2010</b> , 24, 1671-9	29
190	Evaluation of the analgesic effect of aqueous extract of <i>Brugmansia suaveolens</i> flower in mice: possible mechanism involved. <b>2010</b> , 11, 345-50	4

189	[Drug interactions with grapefruit]. <b>2010</b> , 63, 805-10	2
188	Frontal betonte Hemikranie und homolaterale Mydriasis. <b>2010</b> , 37, 151-154	1
187	Soigner les rles terminaux. <b>2010</b> , 9, 148-156	2
186	GABAergic but not anti-cholinergic agents re-induce clinical deficits after stroke. <b>2010</b> , 292, 72-6	44
185	Grapefruit-drug interactions. <b>2010</b> , 70, 2373-407	100
184	The ameliorating effect of the extract of the flower of <i>Prunella vulgaris</i> var. <i>lilacina</i> on drug-induced memory impairments in mice. <b>2010</b> , 48, 1671-6	33
183	The putative neurodegenerative links between depression and Alzheimer's disease. <b>2010</b> , 91, 362-75	95
182	Atresia coli in a foal: Diagnosis made with colonoscopy aided by N-butylscopolammonium bromide. <b>2010</b> , 22, 429-433	9
181	Pharmacology of Pediatric Anesthesia. <b>2011</b> , 179-261	12
180	Non-hormonal systemic medications and dry eye. <b>2011</b> , 9, 212-26	52
179	Parasympathomimetic and parasympatholytic drugs. 666-675	
178	Pharmacokinetic-pharmacodynamic relationships of central nervous system effects of scopolamine in healthy subjects. <b>2011</b> , 71, 886-98	33
177	Aged dogs demonstrate both increased sensitivity to scopolamine impairment and decreased muscarinic receptor density. <b>2011</b> , 98, 203-9	19
176	Comparative protective action of curcumin, memantine and diclofenac against scopolamine-induced memory dysfunction. <b>2011</b> , 82, 601-8	23
175	Cholinergic modulation of working memory activity in primate prefrontal cortex. <b>2011</b> , 106, 2180-8	34
174	Lipid oxidation inhibitory effects and phenolic composition of aqueous extracts from medicinal plants of Colombian Amazonia. <b>2012</b> , 13, 5454-67	26
173	Scopolamine administration modulates muscarinic, nicotinic and NMDA receptor systems. <b>2012</b> , 7, e32082	57
172	[Recommendations for death rattle]. <b>2012</b> , 26, 600-7	5

171	Perspectives on transdermal scopolamine for the treatment of postoperative nausea and vomiting. <b>2012</b> , 24, 334-45	30
170	LC-MS in Drug Bioanalysis. <b>2012</b> ,	3
169	Liquid Chromatography-Mass Spectrometric Analysis of Tropane Alkaloids in Mammalian Samples: Techniques and Applications. <b>2012</b> , 287-347	
168	Transdermal delivery of scopolamine by natural submicron injectors: in-vivo study in pig. <b>2012</b> , 7, e31922	12
167	Studying the Effectiveness of Triple Therapy with Scopolamine, Ondansetron and Dexamethasone for Prevention of Post Operative Nausea and Vomiting in High Risk Patients Undergoing Neurological Surgery and General Anesthesia. <b>2012</b> , 02,	1
166	A Review of the Etiology Delirium. <b>2012</b> ,	
165	Development and validation of a UPLC-ESI-MS/MS method for the determination of N-butylscopolamine in human plasma: application to a bioequivalence study. <b>2012</b> , 4, 215-21	8
164	Neuromodulatory propensity of Bacopa monniera against scopolamine-induced cytotoxicity in PC12 cells via down-regulation of AChE and up-regulation of BDNF and muscarinic-1 receptor expression. <b>2013</b> , 33, 875-84	28
163	A sensitive and selective liquid chromatography-tandem mass spectrometry method for simultaneous determination of five isoquinoline alkaloids from Chelidonium majus L. in rat plasma and its application to a pharmacokinetic study. <b>2013</b> , 48, 111-8	18
162	Anticholinergics in palliative medicine: an update. <b>2013</b> , 30, 490-8	12
161	A commentary on transdermal drug delivery systems in clinical trials. <b>2013</b> , 102, 3082-8	15
160	Neuropharmacological basis of vestibular system disorder treatment. <b>2013</b> , 23, 119-37	26
159	Acute effects of a low-dose atropine/scopolamine mixture as a food contaminant in human volunteers. <b>2013</b> , 33, 980-90	15
158	Effect of desiccating environmental stress versus systemic muscarinic AChR blockade on dry eye immunopathogenesis. <b>2013</b> , 54, 2457-64	45
157	Autonomic Nervous System Pharmacology. <b>2013</b> , 218-234	1
156	Influence of sample preparation methods on the quantitation of selected tropane alkaloids from herb of Datura innoxiamill. by HPTLC. <b>2013</b> , 25, 545-554	6
155	Scientific Opinion on Tropane alkaloids in food and feed. <b>2013</b> , 11, 3386	44
154	Overlapping Phenotypes. <b>2013</b> , 115-130	

153	The effect of transdermal scopolamine for the prevention of postoperative nausea and vomiting. <b>2014</b> , 5, 55	29
152	. <b>2014</b> ,	1
151	Scopine as a novel brain-targeting moiety enhances the brain uptake of chlorambucil. <b>2014</b> , 25, 2046-54	10
150	Cholinergic receptor blockade by scopolamine and mecamlamine exacerbates global cerebral ischemia induced memory dysfunction in C57BL/6J mice. <b>2014</b> , 43, 62-73	22
149	Cocaine Addiction Treatment and Home Remedies: Use of the Scopolamine Transdermal Patch. <b>2014</b> , 49, 1-6	11
148	Effects of intrahippocampal GABAB receptor antagonist treatment on the behavioral long-term potentiation and Y-maze learning performance. <b>2014</b> , 114, 26-31	15
147	Scopolamine in racing horses: trace identifications associated with dietary or environmental exposure. <b>2014</b> , 199, 324-31	6
146	The pharmacology of medieval sedatives: the "Great Rest" of the Antidotarium Nicolai. <b>2014</b> , 155, 443-9	6
145	Dose escalation pharmacokinetics of intranasal scopolamine gel formulation. <b>2015</b> , 55, 195-203	4
144	CONSIDERATION OF ACETYLCHOLINE ANTAGONISTS FOR NAUSEA AND VOMITING. <b>2015</b> , 38, 319-21	3
143	Unique Scopolamine Withdrawal Syndrome After Standard Transdermal Use. <b>2015</b> , 38, 204-5	4
142	Triple Therapy with Scopolamine, Ondansetron, and Dexamethasone for Prevention of Postoperative Nausea and Vomiting in Moderate to High-Risk Patients Undergoing Craniotomy Under General Anesthesia: A Pilot Study. <b>2015</b> , 2, 40	9
141	Revisiting transdermal scopolamine for postoperative nausea and vomiting. <b>2015</b> , 35	
140	Anesthesia and Ancillary Drugs and the Neonate. <b>2015</b> , 67-130	1
139	An unusual case of nonsustained ventricular tachycardia. <b>2015</b> , 9, 103-6	2
138	Safety and efficacy of commonly used antiemetics. <b>2015</b> , 11, 1753-67	15
137	Hallucinations sous Datura : le piège atropinique. <b>2015</b> , 27, 246-250	1
136	Scopolamine attenuates auditory cortex response. <b>2015</b> , 135, 1132-7	4

135	The Use of Transdermal Therapeutic Systems in Psychiatric Care: A Primer on Patches. <b>2015</b> , 56, 423-44	8
134	Different methods, different results--how do available methods link a patient's anticholinergic load with adverse outcomes?. <b>2015</b> , 71, 1299-314	39
133	Plant Toxins as Sources of Drugs. <b>2015</b> , 1-21	1
132	The ethnobotany of psychoactive plant use: a phylogenetic perspective. <b>2016</b> , 4, e2546	15
131	Model-based exposure-response analysis to quantify age related differences in the response to scopolamine in healthy subjects. <b>2016</b> , 82, 1011-21	17
130	Motion Sickness: Current Knowledge and Recent Advance. <b>2016</b> , 22, 15-24	72
129	Occurrence of tropane alkaloids in food. <b>2016</b> , 13, 1140E	25
128	Drug facilitated crime using burundanga: First analytical confirmation in Spain. <b>2016</b> , 147, 421	
127	[Drug facilitated crime using burundanga: First analytical confirmation in Spain]. <b>2016</b> , 147, 421	8
126	Principles of vestibular pharmacotherapy. <b>2016</b> , 137, 207-18	14
125	Central cholinergic pathway involvement in the regulation of pupil diameter, blink rate and cognitive function. <b>2016</b> , 334, 180-190	17
124	Leveraging Nematocysts Toward Human Care. <b>2016</b> , 683-690	2
123	Effect of Scopolamine Patch Use on Postoperative Voiding Function After Transobturator Slings. <b>2016</b> , 22, 136-9	8
122	Cognition Enhancing and Neuromodulatory Propensity of Bacopa monniera Extract Against Scopolamine Induced Cognitive Impairments in Rat Hippocampus. <b>2016</b> , 41, 985-99	32
121	A Distress Protocol for Respiratory Emergencies in Terminally Ill Patients With Lung Cancer or Chronic Obstructive Pulmonary Disease. <b>2016</b> , 33, 817-822	6
120	Microdialysis pharmacokinetic study of scopolamine in plasma, olfactory bulb and vestibule after intranasal administration. <b>2016</b> , 23, 263-8	1
119	The use of transdermal scopolamine to solve methodological issues raised by gender differences in susceptibility to simulator sickness. <b>2017</b> , 47, 42-58	4
118	Pharmacology of Antiemetics: Update and Current Considerations in Anesthesia Practice. <b>2017</b> , 35, e41-e54	6

117	Plant Toxins. <b>2017</b> ,	0
116	Plant Toxins as Sources of Drugs. <b>2017</b> , 81-105	
115	Medications influencing central cholinergic pathways affect fixation stability, saccadic response time and associated eye movement dynamics during a temporally-cued visual reaction time task. <b>2017</b> , 234, 671-680	2
114	Evaluation of hyoscine N-butyl bromide efficacy on the prevention of catheter-related bladder discomfort after transurethral resection of prostate: a randomized, double-blind control trial. <b>2017</b> , 49, 1907-1913	4
113	TFOS DEWS II iatrogenic report. <b>2017</b> , 15, 511-538	173
112	Postoperative Anticholinergic Poisoning: Concealed Complications of a Commonly Used Medication. <b>2017</b> , 53, 520-523	9
111	Medications influencing central cholinergic neurotransmission affect saccadic and smooth pursuit eye movements in healthy young adults. <b>2017</b> , 234, 63-71	4
110	Scopolamine: a journey from the field to clinics. <b>2017</b> , 16, 333-353	29
109	Scopolamine hydrobromide is indeed a proper memory impairments inductor in mice. <b>2017</b> , 27, S668-S669	
108	AMN082, a positive allosteric modulator of the mGlu7 receptor, enhances the antidepressant-like activity of scopolamine in the tail suspension test. <b>2017</b> , 27, S669	
107	Assessments of the behavioral disorder in the photothrombotic stroke model mouse. <b>2017</b> , 27, S669-S670	
106	Detection of Scopolamine Hydrobromide via Surface-enhanced Raman Spectroscopy. <b>2017</b> , 33, 1237-1240	6
105	Hyoscine versus diazepam for the management of true vertigo in the emergency department. <b>2017</b> , 12, 3	
104	Improving detection window of scopolamine. <b>2018</b> , 287, e10	6
103	Atropa belladonna neurotoxicity: Implications to neurological disorders. <b>2018</b> , 116, 346-353	20
102	The genus Datura L. (Solanaceae) in Mexico and Spain - Ethnobotanical perspective at the interface of medical and illicit uses. <b>2018</b> , 219, 133-151	21
101	Protein kinase A mediates scopolamine-induced mTOR activation and an antidepressant response. <b>2018</b> , 227, 633-642	13
100	THE EFFECTS OF THE ALKALOID SCOPOLAMINE ON THE PERFORMANCE AND BEHAVIOR OF TWO CATERPILLAR SPECIES. <b>2018</b> , 12, 21-29	4



99	Electrochemical Portable Method for on site Screening of Scopolamine in Beverage and Urine Samples. <b>2018</b> , 31, 567	9
98	Critical Flicker Fusion Frequency: A Marker of Cerebral Arousal During Modified Gravitational Conditions Related to Parabolic Flights. <b>2018</b> , 9, 1403	12
97	Datura innoxia plants hydroponically-inoculated with Agrobacterium rhizogenes display an enhanced growth and alkaloid metabolism. <b>2018</b> , 277, 166-176	2
96	Role of plant alkaloids on human health: A review of biological activities. <b>2018</b> , 9, 56-72	109
95	Astrocytes activation contributes to the antidepressant-like effect of ketamine but not scopolamine. <b>2018</b> , 170, 1-8	26
94	The potential antidepressant action and adverse effects profile of scopolamine co-administered with the mGlu7 receptor allosteric agonist AMN082 in mice. <b>2018</b> , 141, 214-222	11
93	Evidence-Based Practice. <b>2018</b> , 1-14	
92	Pharmacokinetics and Pharmacology of Drugs Used in Children. <b>2019</b> , 100-176.e45	3
91	Percutaneous penetration of drugs applied in transdermal delivery systems: an in vivo based approach for evaluating computer generated penetration models. <b>2019</b> , 108, 104428	12
90	A Selective M and M Receptor Antagonist, Penehyclidine Hydrochloride, Exerts Antidepressant-Like Effect in Mice. <b>2019</b> , 44, 2723-2732	5
89	Evaluation of the Memory Enhancing Activity of Dichloromethane Fraction of the Methanolic Extract of Pycnanthus angolensis Stem Bark on Experimental Models of Memory Impairment. <b>2019</b> , 69, 551-558	3
88	No synergistic effect of subtherapeutic doses of donepezil and EVP-6124 in healthy elderly subjects in a scopolamine challenge model. <b>2019</b> , 5, 89-98	4
87	Transdermal Scopolamine as an Adjunct to Multimodal Pain Management in Patients Undergoing Total Joint Arthroplasty. <b>2019</b> , 34, S159-S163	2
86	Deciphering the mode of action of pollutants impairing the fish larvae escape response with the vibrational startle response assay. <b>2019</b> , 672, 121-128	14
85	Tropane Alkaloids: Chemistry, Pharmacology, Biosynthesis and Production. <b>2019</b> , 24,	95
84	Traditional Chinese Medicine Shenmayizhi Decoction Ameliorates Memory And Cognitive Impairment Induced By Scopolamine Via Preventing Hippocampal Cholinergic Dysfunction In Rats. <b>2019</b> , 15, 3167-3176	8
83	Intranasal Scopolamine for Motion Sickness. <b>2019</b> , 90, 917-924	2
82	Anticholinergic Amnesia is Mediated by Alterations in Human Network Connectivity Architecture. <b>2019</b> , 29, 3445-3456	6

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80	Overnight transdermal scopolamine patch administration has no clear effect on cognition and emotional processing in healthy volunteers. <b>2019</b> , 33, 255-257	3
79	Autonomic Nervous System Pharmacology. <b>2019</b> , 282-299	2
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76	Understanding Central Nervous System Effects of Deliriant Hallucinogenic Drugs through Experimental Animal Models. <b>2019</b> , 10, 143-154	4
75	Development and validation of a sensitive LC-MS/MS method for the estimation of scopolamine in human serum. <b>2019</b> , 164, 41-46	3
74	Attempt of scopolamine-facilitated robbery: an original case of poisoning by inhalation confirmed by LC-MS/MS and review of the literature. <b>2020</b> , 38, 264-268	2
73	Beyond neurotransmission: acetylcholine in immunity and inflammation. <b>2020</b> , 287, 120-133	27
72	Acute mountain sickness: Do different time courses point to different pathophysiological mechanisms?. <b>2020</b> , 128, 952-959	11
71	The role of perioperative medications in urinary retention following midurethral sling. <b>2020</b> , 39, 2455-2462	1
70	The effects of intramuscular administration of scopolamine augmentation in moderate to severe major depressive disorder: a randomized, double-blind, placebo-controlled trial. <b>2020</b> , 10, 2045125320938556	3
69	Analysis of alkaloids (indole alkaloids, isoquinoline alkaloids, tropane alkaloids). <b>2020</b> , 505-567	23
68	Electrochemiluminescent sensors as a screening strategy for psychoactive substances within biological matrices. <b>2020</b> , 145, 4295-4304	15
67	PET Imaging Estimates of Regional Acetylcholine Concentration Variation in Living Human Brain. <b>2021</b> , 31, 2787-2798	0
66	Metabolomics approach to biomarkers of dry eye disease using H-NMR in rats. <b>2021</b> , 84, 313-330	7
65	Antiemetic therapy for gastroparesis. <b>2021</b> , 341-359	
64	The mammalian efferent vestibular system utilizes cholinergic mechanisms to excite primary vestibular afferents. <b>2021</b> , 11, 1231	6

63	Successful regeneration of fertile stably transformed tropane alkaloid-producing plant ( <i>Hyoscyamus muticus</i> L.) with PVX-gus-(astr1 or astr2)-nptII constructs. <b>2021</b> , 145, 517-531	
62	Odour Retrieval Processing in Mice: Cholinergic Modulation of Oscillatory Coupling in Olfactory Bulb-Piriform Networks. <b>2021</b> , 80, 374-392	1
61	Effect of buscopan, a compound that alleviates cramps, on the developing nervous system of the chick embryo. <b>2021</b> , 113, 1140-1151	1
60	M2-AChR Mediates Rapid Antidepressant Effects of Scopolamine Through Activating the mTORC1-BDNF Signaling Pathway in the Medial Prefrontal Cortex. <b>2021</b> , 12, 601985	4
59	Development and evaluation of 1-deoxynojirimycin sustained-release delivery system: In vitro and in vivo characterization studies. <b>2021</b> , 109, 2294-2305	1
58	Transfer of tropane alkaloids (atropine and scopolamine) into the milk of subclinically exposed dairy cows. <b>2021</b> , 126, 108056	4
57	Accident de la voie publique sous lâ€™influence de scopolamine : discussion sur lâ€™imputabilit� de cet alcalo�de. <b>2021</b> , 12, 103-108	1
56	The muscarinic-cholinergic system as a target in the treatment of depressive or manic episodes in bipolar disorder: a systematic review and meta-analysis. <b>2021</b> , 6, 100235	0
55	Scopolamine analysis in beverages: Bicolorimetric device vs portable nano liquid chromatography. <b>2021</b> , 232, 122406	4
54	Applications of phytochemicals against nerve agents in counterterrorism. <b>2021</b> , 69-118	
53	Plant Tropane Alkaloids: Commercial Stature and Production Developments. <b>2021</b> , 51-65	1
52	Clinical Toxicology. <b>2012</b> , 1109-1188	2
51	Confusion alimentaire datura/�pinard, � propos d�une intoxication familiale et revue de la litt�ature. <b>2020</b> , 32, 137-140	1
50	ATROPINE AND ATROPINE-LIKE SUBSTANCES USABLE IN WARFARE. <b>2017</b> , 86, 58-69	4
49	Administration of Phytoceramide Enhances Memory and Upregulates the Expression of pCREB and BDNF in Hippocampus of Mice. <b>2013</b> , 21, 229-33	17
48	The effect of transdermal scopolamine plus intravenous dexamethasone for the prevention of postoperative nausea and vomiting in patients with epidural PCA after major orthopedic surgery. <b>2010</b> , 58, 50-5	16
47	Neuroprotective Potentials of <i>Cocculus hirsutus</i> Leaf Extract Against 6,7-Epoxytropine Tropane-Induced Memory Impairment in Rats. <b>2021</b> , 14, 1551-1559	
46	19 Geneesmiddelen, speeksel en speekselklieren. <b>2008</b> , 303-315	

- 45 Medikamentöse Prophylaxe von Kinetosen. **2008**, 135-147 1
- 44 Fast-Acting Topical Hydrophilic Drug Delivery via a Natural Nano-Injection System. **2017**, 343-350
- 43 Vertigonun medikal tedavisi.
- 42 Actualizaciones Burundanga y otras sustancias de abuso. **2018**, 25, 449-453
- 41 The Safety and Analgesic Effect of Datura Flos Pharmacopuncture in Sprague-Dawley Rats. **2019**, 36, 147-153
- 40 Penehyclidine Hydrochloride Premedication Is Not Associated with Increased Incidence of Post-Operative Cognitive Dysfunction or Delirium:A Systemic Review and Meta-Analysis. **2020**, 35, 121-134 1
- 39 Drugs in Clinical Practice from Toxic Plants and Phytochemicals. **2020**, 79-94 1
- 38 Anisocoria after scopolamine transdermal patch contamination: A case report. **2021**, 100, e27887
- 37 Decreased efficacy of the ketamine and scopolamine-induced sustained antidepressant-like effects in rats receiving metformin. **2021**, 1
- 36 Machine Learning in Neuro-Oncology, Epilepsy, Alzheimer's Disease, and Schizophrenia. **2022**, 134, 349-361 0
- 35 Scopolamine and MK-801 impair recognition memory in a new spontaneous object exploration task in monkeys. **2021**, 211, 173300 2
- 34 Nausea and Vomiting. **2021**,
- 33 Long-term scopolamine treatment altered locomotor, exploratory and anxiety-like behaviours of albino rats. **2022**, 11,
- 32 Treatment of Non-Infectious Corneal Injury: Review of Diagnostic Agents, Therapeutic Medications, and Future Targets.. **2022**, 82, 145 0
- 31 Medications that disrupt sleep. **2021**,
- 30 Modelling falls in Parkinson's disease and normal ageing in mice using a complex motor task.. **2022**, 6, 23982128221088794
- 29 Effect of intravenous scopolamine before stapling, on postoperative nausea and vomiting in sleeve gastrectomy patients: a randomized controlled trial.. **2022**, 1 1
- 28 Assessment of Cimetropium Bromide Use for the Detection of Gastric Neoplasms During Esophagogastroduodenoscopy.. **2022**, 5, e223827 1

27	Sumisiñ quñica por «burundanga» o escopolamina. <b>2022,</b>		
26	Drug-Drug Interactions in Vestibular Diseases, Clinical Problems, and Medico-Legal Implications.. <b>2021, 18,</b>		2
25	Characterizing the Access of Cholinergic Antagonists to Efferent Synapses in the Inner Ear.. <b>2021, 15, 754585</b>		
24	Scopolamine als bestanddeel van een magistrale bereiding als zeldzame oorzaak van visuele hallucinaties. <i>Tijdschrift Voor Geneeskunde,</i>	1	
23	Epoxides: Developability as active pharmaceutical ingredients and biochemical probes.. <i>Bioorganic Chemistry, 2022, 125, 105862</i>	5.1	o
22	Neuroprotective, Neurite Enhancing and Cholinesterase Inhibitory Effects of Lamiaceae Family Essential Oils in Alzheimer's Disease Model. <i>SSRN Electronic Journal,</i>	1	
21	Drug facilitated crimes by «burundanga» or scopolamine. <i>Spanish Journal of Legal Medicine, 2022, 48, 74-77</i>	0.4	
20	Tropane alkaloids (hyoscyamine, scopolamine and atropine) from genus <i>Datura</i> : extractions, contents, syntheses and effects. <i>Industrial Crops and Products, 2022, 186, 115283</i>	5.9	o
19	Antispasmodic Agent Administration Improves Gastric Neoplasm Detection Rates during Esophagogastroduodenoscopy.		
18	Poisoning cases in the German crime series Tatort (crime scene) from 1974 to 2022.		o
17	Where do we go next in antidepressant drug discovery? A new generation of antidepressants: a pivotal role of AMPA receptor potentiation and mGlu2/3 receptor antagonism. 1-16		1
16	Dualplex lateral flow assay for simultaneous scopolamine and «hannibal drug» detection based on receptor-gated mesoporous nanoparticles. <b>2022, 14, 13505-13513</b>		o
15	Cell-based serum anticholinergic activity assay and working memory in cognitively healthy older adults before and after scopolamine: An exploratory study. <b>2022, 36, 1070-1076</b>		o
14	Beauty of the beast: anticholinergic tropane alkaloids in therapeutics. <b>2022, 12,</b>		o
13	Determination of Scopolamine Distribution in Plasma and Brain by LC-MS/MS in Rats. <b>2022, 2022, 1-9</b>		o
12	Scopolamine administration in repeat breeder cows on the day of heat. <b>2022,</b>		o
11	Serotonin Type 3 Receptor Is Potentially Involved in Cellular Stress Induced by Hydrogen Peroxide. <b>2022, 12, 1645</b>		o
10	Radiosynthesis, Preclinical, and Clinical Positron Emission Tomography Studies of Carbon-11 Labeled Endogenous and Natural Exogenous Compounds.		2

- 9 Muscarinic and NMDA receptors in the substantia nigra play a role in reward-related learning. ○
- 8 Rapid LC-MS/MS method for determination of scopolamine in human plasma. **2022**, 69, 1035-1040 ○
- 7 Detection of scopolamine in urine and hair in a drug-facilitated sexual assault. **2023**, 347, 111678 ○
- 6 Bioprospecting of Plants for Phytochemicals: Important for Drugs. **2022**, 69-83 ○
- 5 Belladonna alkaloids. **2023**, ○
- 4 Developmental Neurotoxicity Screen of Psychedelics and Other Drugs of Abuse in Larval Zebrafish (*Danio rerio*). **2023**, 14, 875-884 ○
- 3 Plant Alkaloids: Production, Extraction, and Potential Therapeutic Properties. **2023**, 157-200 ○
- 2 Anticholinergics: A potential option for preventing posttraumatic epilepsy. 16, ○
- 1 Anesthetic Adjuncts. **2017**, 258-264.e4 ○